

84708

17.2400

S/020/60/133/006/016/016
B016/B060AUTHOR: Shmeleva, N. I.

TITLE: Alterations in the Peripheral Blood and in the Bone Marrow of Rats at a Later Period Following a Single X-Radiation

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 133, No. 6,
pp. 1455-1457

TEXT: The author wanted to study the composition of the peripheral blood and of the bone marrow of rats X-rayed only once in their lifetime. The radiation injury was caused by an PYM-3 (RUM-3) apparatus at a dose of 500 r and a dose power in the air of 90.6 - 83.6 r/min. The author counted the number of leucocytes of all animals before and 3, 9, 16, 21, 30, 90, 180, 270, and 360 days after the irradiation. The weight of the bone marrow was checked before and 90, 180, 270, and 360 days after the irradiation. The treatment was lethal for 20-30% of the animals within 30 days. Those surviving (101) were examined. Their average lifetime was

X

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Alterations in the Peripheral Blood and in the
Bone Marrow of Rats at a Later Period
Following a Single X-Radiation

S/020/60/133/006/016/016
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360 days. Table 1 shows the change in the leucocytic formula at the abovementioned times. Table 2 shows the change in the myelogram. The author found that the restoration of the normal composition of the peripheral blood under the experimental conditions was only temporary. In the course of time, in the late periods following the radiative action, the blood composition again tends toward rejuvenation, and the amount of segmentonuclear neutrophils increases. These qualitative alterations in the peripheral blood take place in parallel to a sharply marked hyperplasia of the bone marrow. There are 2 tables and 9 references, 4 of which are Soviet.

X

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut
meditsinskoy radiologii (Central Scientific Research
Institute of Medical Radiology)

PRESENTED: March 19, 1960, by N. N. Anichkov, Academician

SUBMITTED: March 17, 1960

Card 2/2

SHMELEVA, N.I.

Analysis of the effect of surgical intervention on the state of
leukopoeisis in irradiated animals. Med. rad. 5 no.9:26-29 S '60.
(MIRA 13:12)

(RADIATION SICKNESS) (LEUKOCYTES)
(SURGERY, OPERATIVE)

SHNELEVA, IV

69

PHASE I BOOK EXPLOITATION SOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strachinin, Eds.

Voprosy radiobiologii, t. III: Sbornik trudov, posvyashchennyy 60-letiyu so
dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology.
v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor
M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad.
Tsentr. n-issl. in-t med. radiologii M-va zdravookhraneniya SSSR, 1960.
422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis,
and therapy of radiation diseases. Individual articles describe investigations
of the biological effects of radiation carried out by workers of the Central
Scientific Research Institute for Medical Radiology of the Ministry of Public
Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy
radiologii Ministerstva zdravookhraneniya SSSR] during 1958-59. The following

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Problems in Radiation Biology (Cont.)

SOV/3435

topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

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| <u>Smoleva, N. I.</u> . Effect of Ether Anesthesia on the Regeneration Process of Hematogenesis in Rats With Combined Injuries | 222 |
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Card 6/10

VOSKOBONYIKOV, G.V.; SHMELEVA, N.I.

Remote development of anemia following single exposure to X rays.
Radiobiologija 1 no.6:887-891 '61. (MIRA 15:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut meditsinskoy
radiologii, Leningrad.
(X RAYS...PHYSIOLOGICAL EFFECT) (ANEMIA)

SHMELEVA, N.I.; VOSKOBOYNIKOV, G.V.

Late sequelae from the action of radiations on hemopoiesis. Biul.
eksp. biol. i med. 52 no.10:43-46 O '61. (MLA 15:1)

1. Iz otdela otdalennoy luchevoy patologii (zav. - doktor biologicheskikh
nauk S.N. Aleksandrov) i otdela biokhimii (zav. - prof. S.Ye. Manoylov)
TSentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy
radiologii (dir. - zasluzhennyy deyatel' nauki prof. M.P. Pobedinskiy)
Ministerstva zdravookhraneniya SSSR, Leningrad. Predstavlena
deystvitel'nym chlenom AMN SSSR N.A. Krayevskim.
(RADIATION-PHYSIOLOGICAL EFFECT)
(HEMAPOIETIC SYSTEM-RADIOGRAPHY)

REVIEWED, NO.

Characteristics of the reaction of the hematopoietic system in
the late period after radiation injury. Radiobiologika 2 no. 7 p.
50-53 (in '64) (MIR 18e)

271220

40608

S/219/62/053/004/001/001
I015/I215

AUTHOR: Shmeleva, N. I.

TITLE: Reaction disorders of the hemopoietic system at remote periods after irradiation

PERIODICAL: Byulleten' eksperimental'noy biologii i meditsiny, v. 53, no. 4, 1962, 38-42

TEXT: Most observations on the effect of irradiation on the hemopoietic system have been made within the period of radiation sickness. These experiments were performed on 236 rats. Radiation sickness was induced by x-irradiation of 500r with a PYM-3 (RUM-3) apparatus at 85-96r/min. With such a dose, about 35% of the animals died within 30 days of the irradiation. The leucocyte reaction was elaborated with Filatov's serum, 1 ml of which was injected i. m. 90, 180 or 270 days after irradiation. The WBC count and composition as well as the composition of bone marrow was established 24, 48, 72, and 96 hours after injection of the serum. Irradiation brought about a delay in the leucocyte reaction to the foreign protein even after 3 months. This is apparently due to the retarded maturation of cells as well as to an inhibition of their incorporation into the peripheral blood. No response reaction was observed in the bone marrow 9 months after irradiation, although the leucocyte reaction at that time was almost normal. This is explained by the fact that the bone marrow was probably extensively damaged so that other hemopoietic organs, namely the spleen and lymph nodes reacted to the foreign protein thus developing leucocytosis in the peripheral blood. There is one figure.

Card 1/2

X

Reaction disorders...

S/219/62/053/004/001/001
1015/1215

ASSOCIATION: Otdel otdalennoy luchevoy patologii Tsentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR, Leningrad. (Division of Remote Radiation Pathology. Central Institute of Medical Radiology Research. Ministry of Health USSR. Leningrad.)

SUBMITTED: April 22, 1961

✓

Card 2/2

MOSCOW, R.S.F.S.R.

Peripheral blood changes following the irradiation of different parts of the animal organism with large doses of radiation.
Radiobiologia, no.3:388-390 '64.

Yu. G. Kondratenko, V. G. Lissakovsky, S. I. Mekhtivich
Institute of radiobiology and radiophysics, Moscow, Leningrad.

L 13573-63

EMP(q)/BDS/ENT(m) AFFTC/ASD JD/NB

S/008P/63/036/004/0813/0817

ACCESSION NR: AP3000186

AUTHOR: Shmeleva, N. K.; Barannik, V. P.

TITLE: Retarding corrosion of steel in water by the addition of mono- and dibasic organic acid salts

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 4, 1963, 813-817

TOPIC TAGS: monobasic carboxylic acid, dibasic carboxylic acid, retarding steel corrosion, corrosion-inhibitors

ABSTRACT: Investigation of buffered solutions of sodium salts of monobasic C sub 1 - C sub 9 and dibasic C sub 2 - C sub 9 carboxylic acids for retarding corrosion of steel in distilled water showed an increase in the molecular weight of the acid, which increased its effectiveness for retarding corrosion. It was established that ions of the low molecular weight acids in small concentrations stimulated corrosion. Complete protection of steel from corrosion was possible in solutions of pH = 7 or more; maximum corrosion occurred at pH = 4 to 5. Extraneous chloride or sulfate ions lowered the corrosion-retarding effect of the dibasic carboxylic acids. Complete inhibition was possible in aerated solutions.

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ACCESSION NR: AP3000186

The corrosion inhibitors were not effective in deaerated solutions. The
inhibitors form a film of iron-soap type compounds on the steel surface. Orig.
art. has: 8 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 16Oct61 DATE ACQ: 12Jun63 ENCL. 00

SUB CODE: CH NO REF SOV: 007 OTHER: 011

Card 2/2

POLIVYAKOV, Ye.N., inzh.; BARANNIK, V.P., doktor khim. nauk; SHMELEVA,
N.E., inzh.

Use of a solution of sodium salts of synthetic aliphatic acids
during cold bending and hydraulic pipe tests. Sudostroenie 30
(MERA 18:3)
no.11(62) N '64.

L 12807-66 EWT(m)/EWP(j)/EWP(t)/EWP(b) IJP(c) JD/RM

ACC NR: AP5028680

SOURCE CODE: UR/0318/65/000/011/0025/0028

AUTHOR: Gyul'misaryan, T. G.; Gilyazetdinov, L. P.; Aksanova, E. I.; Shmeleva,³⁹
R. I.; Khokhlov, B. P.; Bystrov, K. M.; Sokolova, V. V.; Sinyakina, A. V.; Abayeva,^B
B. T.; Okinshevich, N. A.

ORG: NIIShP; VNIINP: Novo-Yaroslavl Carbon Black Plant (Novo-Yaroslavskiy sazhevyy
zavod); Volgograd Carbon Black Plant (Volgogradskiy sazhevyy zavod); Scientific
Research Technological Design Institute (Nauchno-issledovatel'skiy konstruktorno-
tekhnologicheskiy institut)

TITLE: Industrial tests of new types of petroleum stock in the production of
activated PM-70 furnace black

SOURCE: Neftepererabotka i neftekhimiya, no. 11, 1965, 25-28

TOPIC TAGS: activated carbon, petroleum product, gas oil fraction, phenol

ABSTRACT: In order to confirm and develop the results of earlier studies which indicated that catalytic and thermal gas oil could be used in the production of activated furnace black, experimental batches of initial sulfur and hydrofined phenol extracts of catalytic and thermal gas oil were produced. The physicochemical characteristics of the new types of petroleum stock are compared with those of green oil; in the degree of aromatization they are identical, but in fractional composition, molecular weight, and viscosity, green oil is slightly lighter. Industrial tests confirmed that hydrofined phenol extracts of catalytic gas oil, the

UDC: 66.095.21:547.21.001.5

Card 1/2

L 12807-66

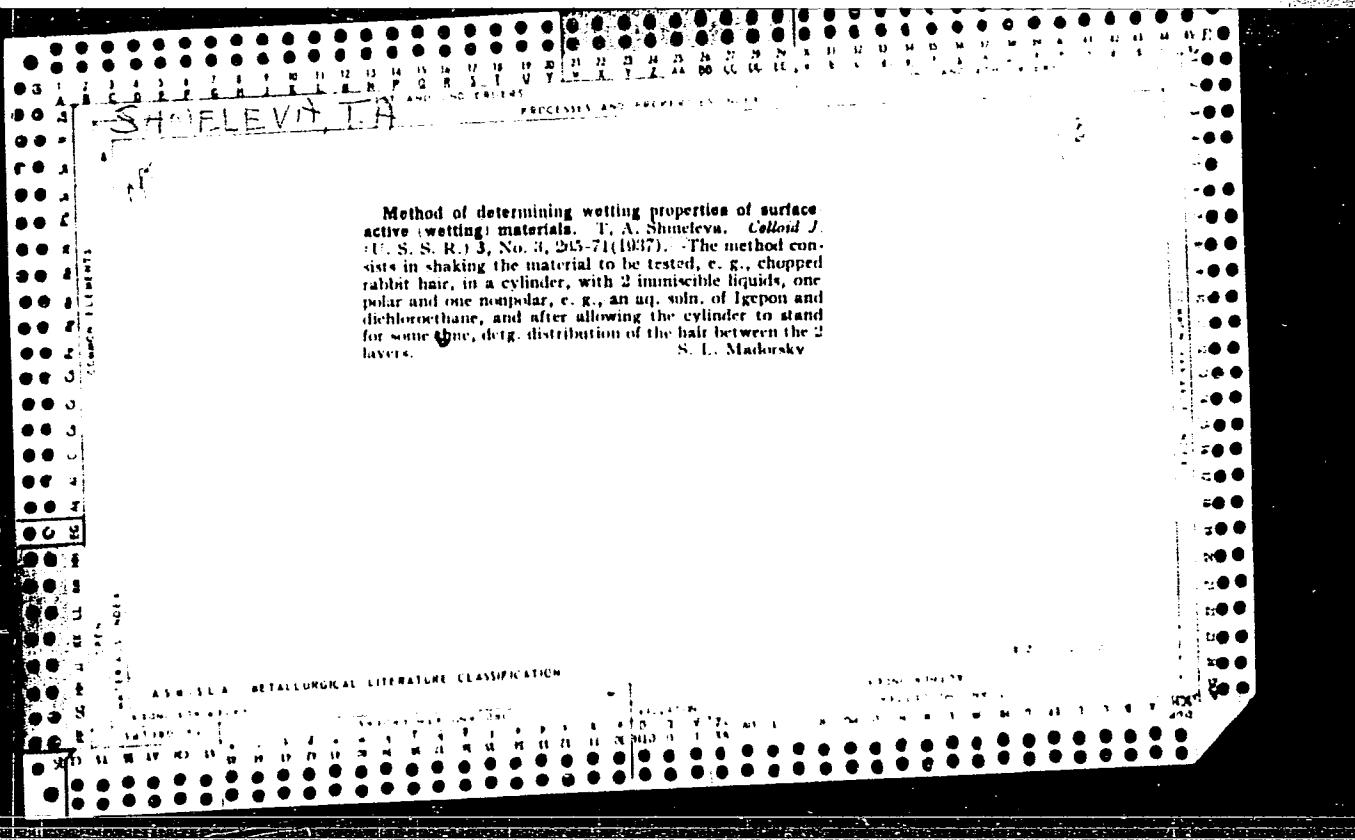
ACC NR: AP5028680

initial sulfur-containing phenol extract of catalytic gas oil, and also mixtures of thermal gas oil and green oil (in the ratio of 60:40) can be used in the production of activated PM-70 furnace black in plants equipped with cyclone reactors, a dry system being used for trapping the black. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 006

jw

Card 2/2



"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3

SHMEL'PVA, T.A.; GRIGOR'YEVA, N.V.; FAVLOV, S.A.; LEVINA, V.I.

Use of polyacrylates for the strengthening of the skin of
sheep pelts. Kozh.-obuv., prom. 7 no.9;33-35 S '65.

(MIRA 18;9)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3"

Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science; Machine and Instrument Manufacturing, Moscow, Izd-vo AN SSSR, 1958. 358 p.

Pchelin, V.A., and T.A. Shmeleva (MGU imeni Lomonosova; NII mekhanicheskoy promyshlennosti — Moscow State University imeni Lomonosov; Scientific Research Institute of the Fur Industry). Radiometric Determination of the Fur Density of Pelts 203

Shvyrev, S.S., A.N. Statinskiy, and K.D. Pismannik (Tsentral'nyy nauchno-issledovatel'skiy Institut khlopochatobumazhnay promyshlennosti — Central Scientific Research Institute of the Cotton Industry). Use of Radioactive Isotopes in the Textile Industry 206

Nekhayevskiy, Ye.A. (VNII Goznak). Use of Radioactive Isotopes in the Control of the Weight of Paper Sheets 212

Kardash, Ye.G. (Tsentral'nyy nauchno-issledovatel'skaya laboratoriya Gosgortekhnadzora — Central Scientific Research Laboratory of "Gosgortekhnadzor"). Scintillation Pipe Thickness Gauge 217

Iordas, G.O., and T.O. Neyman (Nauchno-issledovatel'skiy institut teploenergeticheskogo priborostroyeniya — Scientific Research Institute for Heat-Power Instrument Making). Measurement of Solution Concentrations With Beta Radiation 223

Yermoleev, Ye.I. Use of Backscattering of Beta Radiation in the Control of the Thickness of Coatings 227

Yur'ev, N.V. Apparatus for the Measurement of the Thickness of Coatings 234

SHMELEVA, T.A., kand tekhn.nauk

Photocolorimetric analysis of azo dyes used for dyeing sheep
pelts for garments. Nauch.-issl.trudy NIIMP no.10:59-65 '60 .
(MIRA 14:4)

(Azo dyes) (Colorimetry)

SHMELEVA, T.A., kand.tekhn.nauk

Determining the thickness of the hair covering of dyed rabbit
and sheep pelts. Nauch.-issl.trudy NIIMP no.9:23-34 '59.
(MIRA 14:5)
(Fur---Grading)

SHMELEVA, T.A., kand.tekhn.nauk

Studying the properties of artificial fur manufactured on a knit-fabric base. Nauch.issl.trudy NIIMP no.11:90-98 '62. (MIRA 16:5)
(Artificial fur--Testing)

SHMILEVA, T.P.

"Materials for the study of keratomalacia" by Nguyen Duy Hoa, Nguyen
Xuan Nguyen. Vest. oft. 70 no.1:63 Ja-F '57 (MIRA 10:5)
(CORNEA--DISEASES) (NGUYEN DUY HOA) (NGUYEN XUAN NGUYEN)

SHMELEVA, T.P.

"Sporangium of the eyes in Vietnam" by Nguyen Xuan Nguyen. Vest.
oft. 70 no.1:64 Ja-F '57 (MLRA 10:5)
(VIETNAM--EYE--DISEASES AND DEFECTS) (SPORANGIUM)
(NGUYEN XUAN NGUYEN)

SHMELEVA, T.P., aspirant

Interstitial retinal substance in various pathological processes.
Vest.oft. 70 no.2:22-30 Mr-Ap '57. (MLRA 10:6)

1. Kafedra glaznykh bolezney (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. V.N.Arkhangel'skiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Schenova.

(RETINA, pathology

histopathol. of interstitial retinal substance in
extraretinal eye dis., review (Rus))

(EYE DISEASES, pathol.

histopathol. of interstitial retinal substance, review
(Rus))

SUMM, G.R., Deardorff (Supt) "The Development of
the Pupil and Selection of the Optic nerve in Various Pathological
Conditions." 1911. 13 pp. (First in Order of Serial) & Inst
in H. , 240-IV, 200 copies (17,20-17,114)

SHMELEVA, T.P.

"First aid in ophthalmology" by V.N. Levit. Reviewed by T.P.
Shmeleva. Vest.oft. 72 no.2:45-46 Mr-Ap '59. (MIRA 12:4)
(FIRST AID IN ILLNESS AND INJURY)
(EYE--WOUNDS AND INJURIES) (LEVIT, V.N.)

SHMELEVA, T.P.

Treatment of chronic dysfunction of the ciliary body. Vestn.
oftal. 76 no.4:22-26 Jl-Ag'63 (MIRA 17:1)

1. Klinika glaznykh bolezney (zav. kafedroy - chlen-korrespondent AMN SSSR prof. V.N. Arkhangel'skiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

SHMELEVA, T.P., kand.med.nauk

Normal and pathological anatomy of the ciliary processes. Trudy
I-go MMI 32:147-168 '64. (MIRA 18:5)

SUKHAREV, N.; BULYCHEVA, O.; SHMELEVA, V.

Rapid method for determining moisture content in by-products
and bones. Mias. ind, SSSR 34 no.5:51 '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy
promyshlennosti.

SHPILEVA, V., kand. biolog.nauk

Basis for the control of the leaf miner moth. Zashch.rast.ct vred.¹
bol. 10 no.4:20-21 '65. (MIRA 18:6)

1. Pervomayskaya selektsionnaya stantsiya, g. Gull'kevichl,
Krasnodarskogo kraya.

SHEELEVA, V. A.

20880. Sheleva, V. A. Rezul'taty polevogo ispytaniya preparata DDT na sveklovichnom Klope. Sbornik nauch. Rabot (Vsesoyuz. nauch. -issled. in-t sakhar. svekly) Kiyev-Khar'kov, 1948, s. 210-15.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3

TMELKA, Vratislav Andrejov.

The best is to minor math and number of comments it. Alex, etc. and
Karl in his ISR, 1984. (1).

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3"

SHELEVA, V.A. Cand Biol Sci (diss) "Beet ^{mining} borer moth /Agromyzidae/ and measures to combat it." *(загадка бородавки на свекле)*
Kiev, 1957 14 pp 20 cm. (153. АгроМ-301. 1957. Зоол.) 100 copies
(EL, 12-57, 104)

ZHITKEVICH, Ye.N., starshiy nauchnyy sotrudnik; PETRUKHA, Ye.I., kand. biolog.nauk; POZHAR, Z.A., kand.sel'skokhoz.nauk; SHEVCHENKO, V.N., kand.sel'skokhoz.nauk; BUTOVSKIY, A.P., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; GROMAKOV, P.M., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog [deceased]; MARKOV, F.I., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PUCHKOV, V.G., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PALIY, V.F., doktor biolog.nauk, spetsialist entomolog i fitopatolog; POLEVOY, V.V., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; SHMELEVA, V.A., kand.biolog.nauk, spetsialist entomolog i fitopatolog; ZVEREZOMB-ZUBOVSKIY, Ye.V., prof., doktor sel'skokhoz.nauk; KORAB, I.I., prof., doktor sel'skokhoz.nauk; MOROCHKOVSKIY, S.F., prof., doktor biolog.nauk; MURAV'YEV, V.P., prof.; SALUNSKAYA, N.I., kand.biolog.nauk; SAVCHENKO, Ye.N., red.; ZUBAREV, A.S., khudozh.-tekhn.red.

[Sugar beet growing] Sveklovodstvo. Izd.2., perer. i dop. Kiev, Gos.izd-vo sel'khoz.lit-ry USSR. Vol.3. Pt.1. [Sugar beet pests and their control] Vrediteli sakharinoi svekly i mery bor'by s nimi. Pt.2. [Sugar beet diseases and their control] Bolezni sakharinoi svekly i mery bor'by s nimi. 1959. 642 p. (MIRA 12:11)

(Continued on next card)

ZHITKEVICH, Ye.N.---(continued) Card 2.

1. Kiyev. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy sverkly. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy sverkly (for Zhitkevich, Petrukha, Pozhar, Shevchenko). 3. Uladovo-Lyulinetskaya optyno-seleksionnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Butovskiy). 4. Ivanovskaya optyno-seleksiya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Gromakov). 5. Kurgizskaya optyno-seleksiya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Markov, Polevoy). 6. Veselopodolyanskaya optyno-seleksiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Puchkov). 7. Ramonskaya optyno-seleksiya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Paliy). 8. Pervomayskaya optyno-seleksiya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy sverkly (for Shmeleva). 9. Chleny-korresp. AN USSR (for Zverezomb-Zubovskiy, Murav'yev).

(Sugar beets--Diseases and pests)

~~SHMELEVA, V.A.; SHCHELKUNOVA, M.S.; ZOBOV, Ye.V.~~

Aluminum in the wines of Moldavia. Trudy MNIIIPP 2:37-42 '62.
(MIRA 16:4)
(Moldavia--Wine and wine making) (Aluminum)

SHMELEVA, V.A.; ZOBOV, Ye.V.; SHCHELKUNOVA, M.S.; Prinimala uchastiye:
MEL'NIKOVA, S.N.

Using the electrophoresis method for determining the washing
away of epoxy resin hardeners from the protective coatings
of wine vessels. Lakokras.mat.i ikh prim. no.5:50-52 '62.
(MIRA 16:1)
(Wine--Analysis) (Electrophoresis) (Protective coatings)

SHMILEVA, V.A., kand,bioicg.nauk; KUDRITSKAYA, T.G., maj,TABAR, V.M., kand.
sel'skokhoz.nauk

Stabilization of semisweet wines by means of stepped fermentation,
(MIRA 18:1)
Trudy MNIIP 4:38-47 '64.

BUTAKOV, A. A.; SIMELEV, V. M.; IRKHO, O. G.; ROZHINA, L. I.; KLUSS, Yu. A.;
AKSYUTICH, Yu. A.

Conference of the readers of the periodical Plasticheskie massy.
Plast. massy no. 4:79 '65. (MIRA 18:6)

OSTROVSKIY, I.I., inzh., red.; PEREVEZENTSEV, N.T., inzh. . red.;
SHMELEVA, V.P., inzh., red.; KAMYSH'YAN, A.G., inzh., red.

[Collection No.4 of standard district uniform estimates for
construction work; strip mining] Sbornik №.4 edinykh raion-
nykh edinichnykh rastsenok na stroitel'nye raboty; gorno-
vskryshnye raboty. Moskva, Stroizdat, 1955. 174 p.

(MIRA 18:8)

1. Russia (1923- U.S.S.R.) Gosudarstvenny komitet po de-
lam stroitel'stva. 2. Gosstroy SSSR (for Ostrovskiy).
3. Nauchno-issledovatel'skiy institut ekonomiki stroitel'-
stva Gosstroya SSSR (for Perevezentsev, Shmeleva). 4. Gosu-
darstvennyy institut po proyektirovaniyu shakht, kar'yerov
i obogatitel'nykh fabrik (for Kamysh'yan).

SHMELEVA, V.S; DUBINSKAYA, Ye.A., dotsent, zaveduyushchiy kafedroy.

Synthomycin therapy of typhoid fever and paratyphoid B in children. Pediat-
riia no.3:50-53 My-Je '53. (MLRA 6:8)

1. Kafedra infektsionnykh bolezney Gor'kovskogo meditsinskogo instituta
(for Shmeleva and Dubinskaya).
(Typhoid fever) (Paratyphoid fever) (Antibiotics)

SHMELEVA, V.S.

Effect of ascariasis on the course of dysentery. Med.paraz. i
paraz.bol. 27 no.6:716-718 N-D '58. (MIRA 12:2)

1. Iz kafedry infektsionnykh bolezney Gor'kovskogo meditsinskogo
instituta imeni S.M. Kirova (zav. kafedroy Ye.N. Gorkin).

(DYSENTERY, BACILLARY, compl.
ascariasis (Rus))

(ASCARIASIS, compl.
bacillary dysentery (Rus))

SHMELEVA, V.S., kand. med. nauk; GULINA, O.M.

Increase of the histamine content in plasma of epidemic hepatitis patients. Sov. med. 28 no.5:84-86 My '65. (MIRA 18:5)

1. Kafedra infektsionnykh bolezney (zav. - prof. S.N.Sorinson)
Gor'kovskogo meditsinskogo instituta imeni Kirova.

SHMELEVA, V.V.

Oculo-glandular form of Listeria infection. Vest. oft., Moskva 32 no.
1:46-47 Jan-Feb 1953. (CIML 24:1)

1. Of the Eye Clinic (Director -- Prof. N. A. Pletneva), Second Moscow
Medical Institute imeni I. V. Stalin.

KRASNOV, M.M., dotsent; SHMELEVA, V.V.

Secondary glaucoma as a sequel of pupillary block. Vest.oft.
no.5:31-33 '62. (MIRA 15:12)

1. Kafedra glaznykh bolezney (zav. - zasluzhennyy deyatel' nauki
prof. M.L.Krasnov) TSentral'nogo instituta usovershenstvovaniya
vrachey i glaznoye otdeleniye Moskovskoy gorod'skoy klinicheskoy
bel'nitsy No. 67.

(GLAUCOMA) (CATARACT)

SHMELEVA, Ye. I.

Effect of cortisone on the course of reickettsial infections from
the typhus group in experimental animals. Report No.1: Effect of
cortisone on the course of murine typhus in guinea pigs. Zhur.
nikrobiol.epid.i immun. 30 no.8:94-100 Ag '59. (MIRA 12:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TYPHUS, MURINE exper.)
(CORTISONE pharmacol.)

SHMELEVA, Ye. I.

Effect of cortisone on the course of Rickettsia typhi infection in experimental animals. Report No.2: Effect of cortisone on the course of murine typhus in white rats and white mice. Zhur.mikrobiol.epid.i immun. 30 no.10:123-129 O '59. (MIRA 13:2)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(CORTISONE pharmacol.)
(TYPHYS MURINE exper.)

SHMELEVA, Ye. I.

Effect of cortisone on the course of infections of the typhus group
in experimental animals. Report No.3; Effect of cortisone on the course
of epidemic typhus in experimental animals. Zhur.mikrobiol.,epid.i
immun. 30 no.11:77-83 N '59. (MIRA 13:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TYPHUS exper.)
(CORTISONE pharmacol.)

SHEELVA, Ye. I.

Cand Med Sci - (diss) "Effect of cortisone on the course of rickettsial infections of the typhus fever group in laboratory animals." Moscow, 1961. 23 pp; (Academy of Medical Sciences USSR); 250 copies; price not given; (KL, 7-61 sup, 263)

SHMILEVA, V. I. & ZAKHAROV A. M. S.

Study of the interaction of *Hemophilus pertussis* and *Hemophilus parapertussis* with tissue cultures. Report No.1: Comparative sensitivity of various tissues to *Hemophilus pertussis* and *Hemophilus parapertussis*. Zhur. mikrobiol., epid. i immun. Al. no.11:18-20 '65. (MIRA 18:5)

I. Institut epidemiologii i mikrobiologii imeni Gamalei AMN
SSSR.

SHEMLEVA, Ya. T.; ZAKHOROV, M.S.

Study of the interaction of *Escherichia coli* and *Paracolibacillus* with tissue cultures. Report No. 2. Agglutination of *Escherichia coli* peritoxins and paraperitoxins in a system with chick embryo fibroblasts. Chirurgiakotol., epid. i vnutr. 42 no. 3 p. 38-38 M. 1965.
(MIRA 1846)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

KOLESNKOVA, M.I.; KRAMORENKO, S.S.; SHMELEVA, Ye.N., red.

[Our age is an age of radio electronics; bibliographic and
teaching materials] Nash vek - vek radioelektroniki; metodi-
cheskie i bibliograficheskie materialy. Alma-Ata, 1959. 9 p.
(MIRA 14:2)

1. Alma-Ata: Respublikanskaya biblioteka.
(Electronics)

KOLESNIKOVA, M.I.; KRAMORENKO, S.S.; SHMELEV, Ye.N., red.

[Road to space; methodological and bibliographical materials for
libraries] Put' v kosmos; metodicheskie i bibliograficheskie
materialy v pomoshch' bibliotekam. Alma-Ata, 1959. 12 p.
(MIRA 14:2)

1. Alma-Ata. Gosudarstvennaya respublikanskaia biblioteka.
(Space flight)

VASILENKO, I.S.; SHMELEVA, Ye.Ye.

Cancer of the cervix uteri in complete prolapse. Vop.onk. 5 no.11:
605-606 '59. (MIRA 14:7)

1. Iz rayonnnoy bol'nitsy (glavnnyy vrach - A.S.Kolatakov) g.Zadonsk,
Lipetskoy oblasti). Adres avtora: g. Zadonsk, Lipetskoy oblasti,
Rayonnaya bol'nitsa. (UTERUS--CANCER)

On preparing melamine ...

3/020/62/035/004/016/022
D202/D301

mine were found. When ethanolamine was used as a solvent, both the amino- and hydroxyl groups of ethanolamine took part in the reaction and the residue was a complex mixture which was difficult to use in practice. The best yield of melamine (71%) was obtained by heating dicyandiamide with benzylamine. The residue consisted mainly of monobenzylmelamine which was stated to improve the quality of resins based on melamine. There are 3 tables and 18 references; 2 Soviet-bloc and 16 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: US Pat. 2,636,892, (1953); US Pat. 2,737,513, (1956); Brit. Pat. 539,702, (1948).

ASSOCIATION: Dnepropetrovskiy khimiko-tehnologicheskiy institut
(Dnepropetrovsk Institute of Chemical Technology)

SUBMITTED: March 9, 1961

Card 2/2

SHMELEVA, YU.

Works of the All-Union Peat Institute, (Min. of Agri. RSFSR),

Number 3, 1933, 189 pages. Section on the Study of Peat Beds:

"Physico-Chemical Regime and a Hydrobiological Description of Experimental
Peat Pits of the Mytishchi Peat Industry". by Shmeleva, Yu.

S): Botanicheskiy Zhurnal, Vol XXXV, No 1, op 100-110,
Jan-Feb 1950, Russian bimo per, Moscow/Leningrad (U-5511,
12 Feb 1954)

RAKITIN, Yu.V.; SHMELEVA, Yu.D.

Eradication of submerged aquatic vegetation by means of herbicides.
Fiziol.rast. 2 no.5:505-508 S-0 '55. (MLRA 9:2)

I.Institut fiziologii rasteniy imeni K.A.Timiryazeva Akademii nauk
SSSR Gosudarstvennyy trest po organizatsii rayonnykh elektrostantsiy
i setey, Ministerstva elektrostantsiy SSSR, Moscow.
(Herbicides) (Aquatic plants)

COUNTRY :USSR
CATEGORY :

N

ABS. JOUR. : RZBiol., No.12, 1958, №43965

AUTHOR :
INST. :
TITLE :

CRIG. PUB. :

ABSTRACT copper sulfate in doses of 4-8 g per 1 m² of sodium 2,4-D, and 0.18 g of copper sulfate. The 2,4-D can be used in powder form in places where strong currents do not occur and in granule form where a considerable water circulation is found. The herbicide in granule form with heavy fillers (sand, clay) quickly drops to the bottom, and its action is felt by the near root and root systems of water plants. To destroy accumulations of

CARD: 2/3

VOLYNTSEVA, Z.P.; GLUSHANKOV, S.L.; KETOV, A.N.; PEGHKOVSKIY, V.V.;
SHMELEVA, Z.A.

Thermogravimetric analysis in the production technology of
active coals. Zhur. prikl. khim. 38 no.10:2359~2362
0 '65. (MIRA 18:12)

1. Submitted May 23, 1963.

SHMELEVA, Z.G.; BURDYANSKAYA, Ye.I.

Comparative campimetric study on the effect of calcium on the eye.
Vopr. klin. eksper. oft., Moskva no. 1:63-70 1952. (CIML 22:4)

1. Fellow of the Academy of Medical Sciences USSR for Shmeleva.
2. Moscow.

SHMELEVA, Z. S.

SHMELEVA, Z. S.: "A Study of the epidemiology of diphyllobothriasis in foci of the Karelo-Finnish SSR and the development of therapeutic-prophylactic measures to reduce the infection rate". Moscow, 1955. First Moscow Order of Lenin Medical Inst.
Dissertation for the Degree of Candidate of Medical Sciences

SO: Knizhnaya Letopis' No. 51, 10 December 1955

SHMELEVA, Z.S.

Epidemiology of diphyllobothriasis in foci of the Karelo-Finnish Republic. Med.paraz. i paraz. bol.24 no.3:248-252 J1-S '55.

1. Iz Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva Zdravookhraneniya SSSR (dir. instituta--Prof. P.G.Sergiyev)
(TAPEWORM INFECTIONS, epidemiology.
diphyllobothriasis in Russia)

KRETOV, A.Ye.; SHMELEVA, Zh.V.

Preparation of melamine and its derivatives from dicyanodiamide
in organic solvents. Zhur.prikl.khim. 35 no.4:884-887 Ap '62.
(MIRA 15:4)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut.
(Melamine) (Amides)

DANILOV, T. L.; IVANOV, A. P.; KROSHKIN, A. A.; RAZOV, I. A.; SHIVANDIN, Ye. M.;
SHMELEVICH, I. I.

Bending test on a wide specimen for estimating the deformation
capacity of metals. Zav. lab. 24 no. 10:1233-1236 '58.
(MIRA 11:11)

(Steel--Testing) (Deformations (Mechanics))

SHELEY, N. A.

"The Use of Corticosteroid Hormones in the Treatment of Tuberculosis"

report submitted to the All-Russian Conference of Internists, Leningrad,
USSR 26-29 June 1960

So: Terapevticheskiy Arkhiv (Therapeutic Archives), Vol. XXXII, No. 11
Nov. 1960, pages 93-95

LOGVINENKO, A.A.; SHMELING, V.V.; CHIKARENKO, A.A.

Visual photometric observations of the Echo-1 satellite. Biul.
sta.opt.nabil.sput.Zem. no.27:15-28 '62. (MIRA 15:12)

1. Nachal'nik Rizhskoy stantsii nablyudeniya iskusstvennykh
sputnikov Zemli No.040 (for Shmeling). 2. Dnepropetrovskaya
stantsiya nablyudeniya iskusstvennykh sputnikov Zemli (for
Chikarenko).

(Artificial satellites—Tracking)

SAVINA, Zoya Georgiyevna; SUKHAREV, Mikhail Ivanovich; SHMEL'KIN,
Abram Fayyanovich; NIKOLAYEVA, N.G., red.; SINEVNIKOVA,
TS.B., red.

[Guide for laboratory and practical studies of manufactured
goods] Nakladatelstvo k lavo atornym i prakticheskim zaniatiiam
po tovarovedeniiu promyshlennykh tovarov. Moskva, Ekonomika.
(MIHA 16.4)
1965. 230 p.

SHMEL'KIN, A. L. (Moskva)

Theory of regular products of groups. Mat.sber. 51 no.3:
277-292 J1 '60. (Groups, Theory of)

SHMEL'KIN, A.L.

Nilpotent products and nilpotent groups without torsion. Sib. mat.
(MIRA 15:7)
zhur. 3 no.4:625-640 J1-Ag '62.
(Groups, Theory of)

SHMEL'KIN, A.L.

A property of semisimple classes of groups. Sib.mat.zhur. 3
no.6:950-951 N-D '62. (MIRA 15:11)
(Groups, Theory of)

SHMEL'KIN, A.L.

Semigroup of group manifolds. Dokl.AN SSSR 149 no.3:543-545 Mr
'63. (MIRA 16:4)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavлено академиком P.S.Aleksandrovym.
(Groups, Theory of).

SHMEL'KIN, A.L.

Free polynilpotent groups. Dokl. AN SSSR 151 no.1:73-75 J1
'63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavлено академиком A.I.Mal'tsevым.
(Groups, Theory of)

SHMEL'KIN, A.L.

Isomorphism of nilpotent decompositions of nilpotent torsion-free
groups. Sib.mat,zhur, 4 no.6:1412-1425 N-D '63. (MIRA 17:9)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3

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о те полинилпотент группах. Izv. AN СССР. Сер. мат. 28 №. 1:
(MIR 17:6)
1964 г.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3"

SHMEL'KIN, A.L.

Wreath products and manifolds of groups. Dokl. AN SSSR
157 no.5:1063-1065 Ag '64. (MIRA 17:9)

1. Mskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavlenec akademikom A.I. Mal'tsevym.

SHMEL'KIN, A.I.

Interlacings and varieties of groups. Izv. AN SSSR. Ser. mat. 29
no.1:349-370 '65. (MIRA 18:4)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3

SHELSKIN, A.L.

Potential products of groups. Sib. mat. GUR. o 10.12.1941. New
USSR.
(MIRA 184)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549730009-3"

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH, V.D., inzh.; KONDRAZHENKO, A.A., inzh.; ABADEYEV, Yu.A., inzh.; RYADNOV, A.A., inzh.; YEGORYCHEV, V.I., inzh.; SHMEL'KIN, B.A., inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.; FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P., tekhnik; AVSARAGCOVA, G.A., tekhnik; PASHKEYEV, D.A., inzh.; KAFUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.; KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN, Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in stockbreeding] Al'bom mekhanizatsii trudzemikh protsessov v zhivotnovodstve. Moskva, Izd-vo Giprosel'khoza. No.4. [Equipment and supplies for the mechanization of labor-consuming processes on livestock farms] Oborudovanie i inventar' dlia mekhanizatsii trudzemikh protsessov na zhivotnovodcheskikh fermakh. 1959 [cover: 1961. 229] p. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokhozyaystvennykh sooruzheniy (for Kapustin, Grigorovich, Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Shmel'kin, Marshutin, Khodzhabaronov, Fedosova, Osin, Semenova, Avsara-gova).

(Continued on next card)

KAPUSTIN, B.N.—(continued). Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirovaniyu sovkhoznogo stroitel'stva (for Gvozdev, Pashkeyev, Kapustin, V.N., Nagorov, Ionov, Kopeykina, Telepneva, Chakurin).
(Agricultural machinery)

KOSHCHEYEV, L.A.; SHMEL'KIN, B.M.

Use of electric braking and unloading of generators in a complex
electric power system. Izv. NIIPT no.8:391-414 '61. (MIRA 15:7)
(Electric power distribution)

SHMEL'KIN, D. G., Docent

Docent D. G. SHMEL'KIN, author of "Electroencephalogram and Its Clinical Importance Report III. Clinical Observations on the Question of the Localization of the Alpha Rhythm." Full translation available in [REDACTED]/M.

SO: Sovetskaya Psichoneurologia 16 (5-6): 82-90, 7 figs.; 1949. UNCLASSIFIED.

BAGALEY-YEKELOVA, Ye.M.; SHMEL'KIN, D.G.

Correlation between electroencephalographic and clinical modifications
in schizophrenia. Nevropat. psikiyat., Moskva 20 no.4:48-51 July-
Aug 1951.
(CLML 21:2)

1. Of the Laboratory of Electrophysiology (Head -- Senior Scientific
Associate D. G. Shmel'kin) and of the First Psychiatric Clinic (Head
-- Prof. Ye. A. Popov), Ukrainian Psycho-Neurological Institute.

SHMEL'KIN, D.G.

Diagnostic significance of α -rhythm in electroencephalography
in vision disorders. Zhur.nevr. i psikh. '55 no.3:171-175 '55.
(MIRA 8:7)

1. Laboratoriya elektrofiziologii Ukrainskogo nauchno-issledo-
vatel'skogo psikhonevrologicheskogo instituta.

(VISION,

disord., EEG, diag. value of α -rhythm)

(ELECTROENCEPHALOGRAPHY, in various diseases,

vision disord., diag. value of α -rhythm)

SHMEL'KIN, D. G.

"Neurological disorders in fresh skull wounds." Khar'kov State Medical Inst. Khar'kov, 1956. (Dissertations for the Degree in Medical Science)

So: Knizhaya letopis', No. 16, 1956

Name: SHMEL'KIN, David Grigor'yevich

Dissertation: Neurological disturbances in fresh cranium wounds

Degree: Doc Med Sci

Affiliation: Ukrainian Sci Res Psychoneurological Inst

Defense Date, Place: 22 May 56, Council of Khar'kov Med Inst

Certification Date: 23 Mar 57

Source: BMV0 14/57

SHMEL'KIN, D.G.

Electroencephalographic disorders in tumors of the temporal lobe
(with summary in French). Zhur.nevr. i psich. 57 no.6:717-723 '57.
(MLRA 10:10)

1. Laboratoriya elektrofiziologii (zav. - kandidat meditsinskikh
nauk D.G.Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo
psichoneurologicheskogo instituta (Khar'kov)

(TEMPORAL LOBE, neoplasms,

EEG (Rus))

(ELECTROENCEPHALOGRAPHY, in various diseases,
tumors of temporal lobe (rus))

SHMEL'KIN, D.G.

Bioelectric disorders in tumors of the occipital lobe. Zhur. nevr.
i psikh 58 no.12:1438-1445 '58. (MIRA 12:1)

1. Laboratoriya elektrofiziologii (zav. - doktor med. nauk D.G.
Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo psichoneurologiche-
skogo instituta, Khar'kov.

(ELECTROENCEPHALOGRAPHY, invar.
occipital tumors (Rus))

(OCCIPITAL LOBE, neopl.
EEG (Rus))

SHMEL'KIN, D.G.

Changes in brain potentials in tumors of the 3rd ventricle. Zhur.nevr.
i psikh. 59 no.11:1359-1364 '59. (MIRA 13:3)

1. Laboratoriya elektrofiziologii (zav. - doktor med.nauk D.G.
Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo psikhonevrologi-
cheskogo instituta (dir. P.I. Kovalenko), Khar'kov.
(BRAIN neoplasms)
(ELECTROENCEPHALOGRAPHY)

SHMEL'KIN, D.G.

Changes in cerebral potentials in tumors of the lateral ventricular region. Zhur. nevr. i psikh. 61 no.4:522-527 '61. (MIRA 14:7)

1. Laboratoriya elektrofiziologii (zav. - doktor meditsinskikh nauk D.G.Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo psichoneurologicheskogo instituta (dir. P.I.Kovalenko), Khar'kov.
(ELECTROENCEPHALOGRAPHY) (BRAIN--TUMORS)

SHMEL'KIN, D.G.

Changes in the brain potentials in tumors of the corpus callosum.
Zhur. nevr. i psikh. 62 no.4:508-512 '62. (MIRA 15:5)

1. Laboratoriya elektrofiziologii (zav. - doktor meditsinskikh nauk
Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo psichonevrologicheskogo
instituta (dir. - O.R.Stepanenko), Kharkov.
(BRAIN--TUMORS) (ELECTROENCEPHALOGRAPHY)

SHMEL'KIN, D.G.

Disorders of bioelectrical activity in vascular tumors of the
cerebral hemispheres. Zhur. nevr. i psich. 63 no.2:203-206 '63
(MIRA 16:11)

1. Laboratoriya elektrofiziologii (zav. .. doktor med. nauk.
D.G.Shmel'kin) Ukrainskogo nauchno-issledovatel'skogo psi-
khonevrologicheskogo instituta (dir. O.R. Stepanenko), Khar'kov.

*

SUMMARY:

Inhibition of inhibition of bioelectric activity in the "temporal" seizures in patients with cerebral tumors. Zhur. nevr. i psich. 65 no.6:852-856 '65. (NEA 18:6)

I. Laboratoriya elektroeffiziologii (zaveduyashchiy - prof. D.I. Samoil'kin) Ukrainskogo nauchno-issledovatel'skogo nauchno-avtoplodarskogo instituta (direktor O.R. Stepanenko), Khar'kov.

DAT'S-EPSHTEYN, M.S.; SHNEL'KIN, I.Kh.

Unusual case of a congenital monstrosity-phocomelia. Vop. okhr.
materin. dets. 8 no.1:87 '63 (MIRA 17:2)

1. Iz Detskoy bol'nitsy goroda Bel'tsy.

SHMEL'KIN, M.A., inzhener.

Casting in pressed cores. Trudy VIGM no.13:187-194 '51,
(Founding) (MIRA 10:8)

SHMEL'KIN, M. A.

USSR/Engineering - Foundry, Methods

Jan 52

"Casting in Pressed Core Sand," M. A. Shmel'kin,
Engr

"Litey Proizvod" No 1, pp 28-30

Describes new method developed at Moscow Pump Plant imeni M. I. Kalinin for precise casting. Discusses optimum pressure for compacting core mixt., sand burning and its prevention, facing layer of molds, use of naphthalene in mold wash for increasing gas permeability. Method has been under development in laboratory conditions for over 2 years, and its 1st practical application occurred in fabrication of bronze blades for propeller pumps.

. 204T16

POLONSKIY, Iosif Vol'fovich; SHMEL'KIN, Ruvim Solomonovich; RAZINKOV, P.,
redaktor; LIL'YE, A., tekhnicheskiy redaktor

[Production of building materials on collective farms] Proizvodstvo
stroitel'nykh materialov v kolkhozakh. [Moskva] Moskovskii rabochii,
1956. 113 p.
(Building materials) (Collective farms)

SHEEL'KO, V. S.

Agriculture

Principles of seed storage. Moskva. Sel'khozgiz, 1952

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

IVANOV, V., inzh.; SHMEL'KOV, A., inzh.

Navigational flight indicator. Grazhd.av. 12 no.1:39-40 Ja '55.
(MIA 16:3)
(Aeronautical instruments)